



**YOU CAN REPLACE TEETH**

# BUT NOT EYES

CONSTANTLY extending their research into the secrets of eye fatigue, Ritter engineers finally developed the Ritter Clusterlite and the Ritter Dualite, a means whereby *balanced illumination* in the dental office is a certainty at all times of the day and all seasons of the year.

For general illumination plus intra-oral illumination in the anterior region, the Ritter Clusterlite furnishes a glareless, blue white light, in close proximity to daylight. Rays from this light are so diffused that shadows which hamper work are practically eliminated.

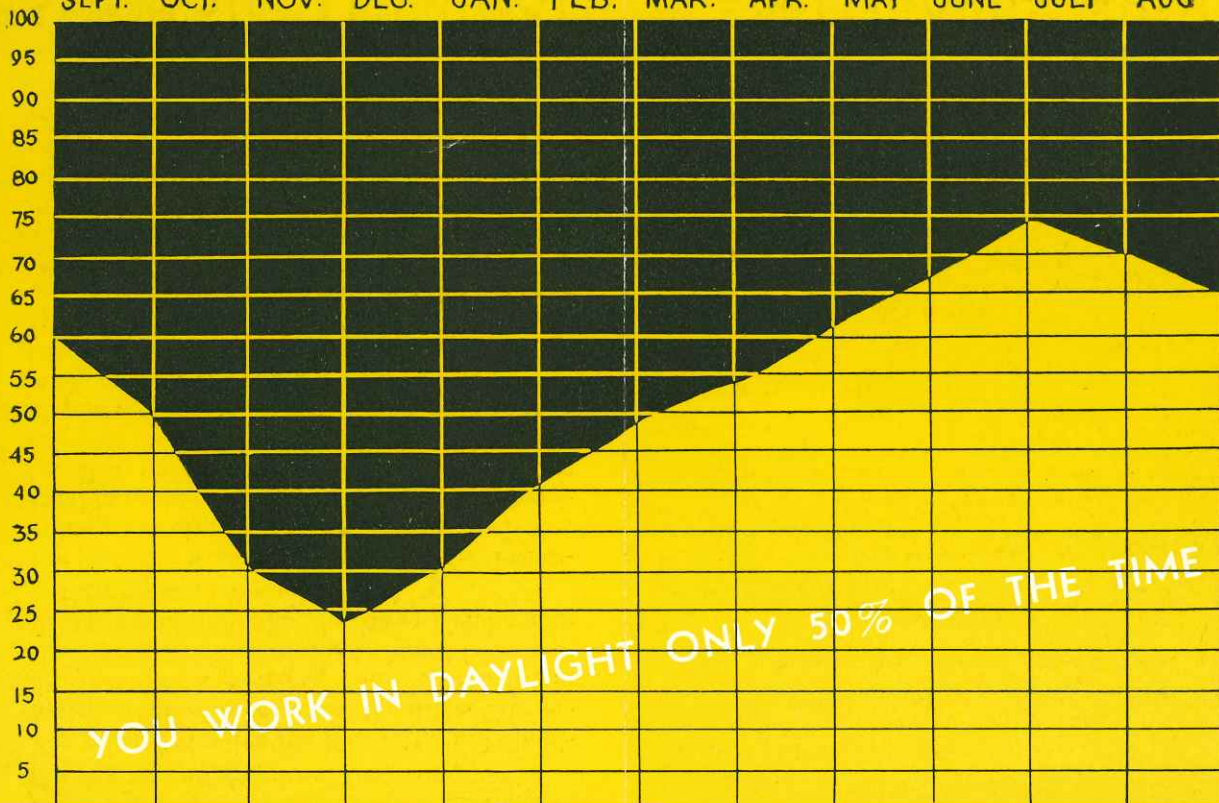
For posterior work in the oral cavity and wherever a concentrated light is required, the Ritter Dualite produces a white light of great intensity. But unlike a spotlight which furnishes effective illumination within a small circle, the Dualite, diffuses its non-glaring rays over a much larger operating area. To further protect the patient and the eyes of the dentist against any glare, an adjustable visor or shield has been provided which concentrates the light where it is desired. In addition it also serves as a holder for all types of mounted X-ray Films, permitting the dentist to concentrate on his work while interpreting the radiographs and without interfering with the light entering the patient's mouth.

*Have a Sight Meter Test  
Made in  
Your Operatory*



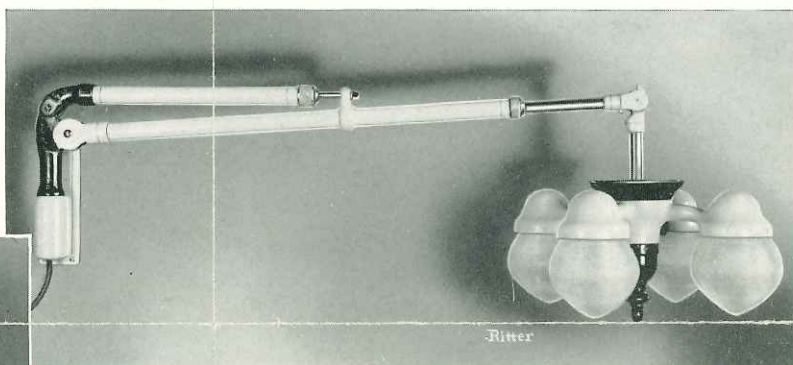
**BALANCED ILLUMINATION SAFEGUARDS SIGHT**





### BALANCED ILLUMINATION

The above chart shows that during the year, daylight provides sufficient illumination for only 50% of a dentist's working time. This chart comes from the United States Department of Commerce.



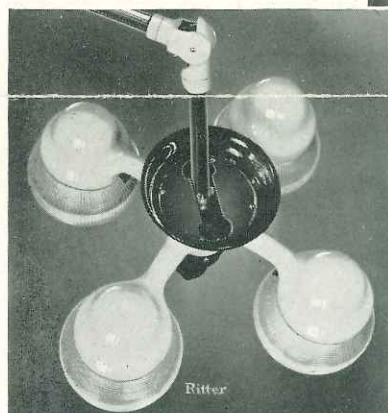
### THE RITTER CLUSTERLITE

Uncertain daylight or unscientifically designed artificial illumination is not good enough for the dental operating room. Years of research have proved that the proper light for such work can be produced only by a cluster of holophane globes, prismatically cut, the points of which are equidistant from each other—a principle which receives its fullest development in the Ritter Clusterlite. In this unit, intensity of illumination can also be varied—one, two, or four bulbs being lighted at

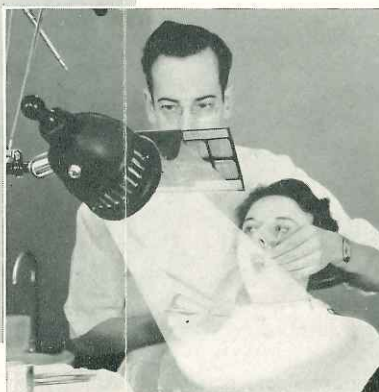
the turn of a switch. The entire cluster may be rotated and tilted to focus light rays in the oral cavity. It may also be raised or lowered vertically. Furnished in wall bracket type or for mounting on unit.

Proper illumination of the posterior region of the oral cavity is never possible with daylight and seldom satisfactory with the ordinary "spotlight." To overcome this problem the Ritter Dualite was developed—the most flexible operating light ever offered the dental profession. At the touch of a finger it may be positioned so as to give proper illumination at any angle, yet it is so perfectly balanced that it will remain fixed in any position. The

visor always protects against glare and also acts as a holder for all types of Mounted X-ray Films. It is a double purpose light at the price of an ordinary operating light, furnished with bracket for wall mounting or may be mounted on Units or Tri-Dents.



### THE RITTER DUALITE



600/243

Ritter Clusterlite and Ritter Dualite assure daylight at all times . . . they give *balanced illumination* for the dental operator. Safeguard your sight and the eyesight of your patients.

PATENT OFFICE

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